Amendments to the Specification:

Please replace paragraph beginning at page 158, line 12, with the following amended paragraph:

> This embodiment provides a number of warnings
> to help in program development and debugging,
> including detections of things such as
> overflowing a fixed-point number, converting a
> negative number into an unsigned, or using a
> fixed-point number which is an unusual size and
> may not allow for reasonable code generation.
> By default, *fxp_init* starts the fixed-point
> package ~~will~~ with all warnings enabled, but
> users may turn them on and off at will using
> the function *fxp_warn*. In this embodiment,
> *fxp_warn* takes a variable number of arguments,
> which may be taken from the following list: